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Reengineering Medical Assemblage Management

An Initiative Supporting
Joint Medical Logistics 2010

18 November 1999

Purpose

To Provide an Introduction to the
Integrated Medical Logistics Group's
Initiative to Reengineer the
Medical Assemblage Management
Life Cycle Process.

IMLG

**Air Force Medical Logistics Office (AFMLO)
Joint Medical Functional Developments Center (JMLFDC)
Defense Medical Support Center Philadelphia (Medical)
Fleet Hospital Support Office (PML-500)
Joint Readiness Clinical Advisory Board (JRCAB)
Naval Medical Logistics Command (NAVMEDLOGCOM)
US Army Medical Materiel Agency (USAMMA)**

Definition: Assemblage Management

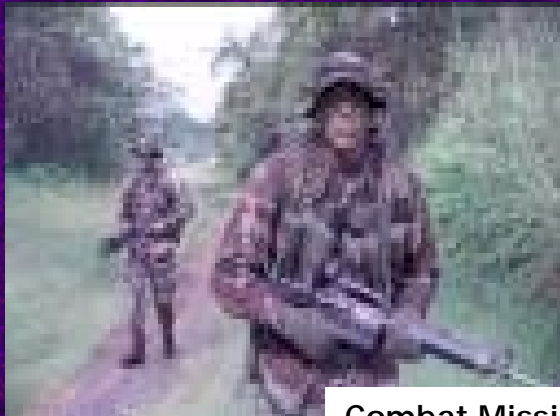


DEPMEDS Sets



Service-Unique Sets

"The Life Cycle Management of
the Medical Sets, Kits, & Outfits
Required to Meet the
Full Spectrum of
DoD Military Missions."



Combat Missions

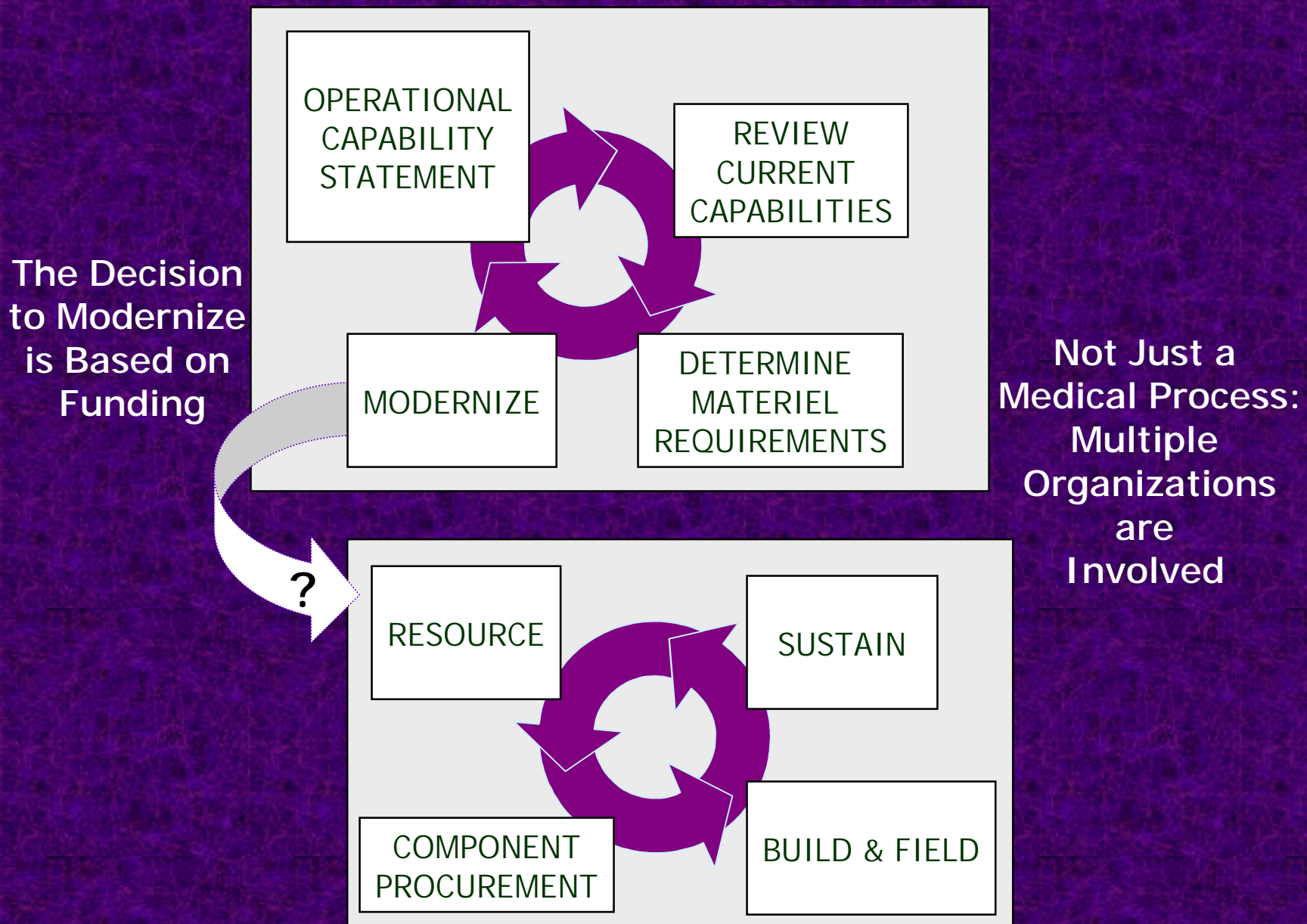


Non-Combat Missions

Topics

- Overview of the Current Process
- Emerging Concept
- Opportunity Assessment
- Next Steps

DoD "As-Is" Medical Assemblage Management Process



THE CASE FOR CHANGE

- Current Process:
 - Long Lead Time to Develop and Field UA's.
 - Design and Execution is Fragmented.
 - Lags Behind Tech Life Cycles & Clinical Practice Stds
 - Inflexible. Tied to POM and limited in purpose.
 - Not Well Integrated: Combat Developer / JRCAB / Operational Logistician / Medical Unit
- Current Process and Policy are Unaffordable Because it Assumes:
 - 100% Initial Equipping
 - Sustainment Costs over Life Cycle of Assembly Excessive

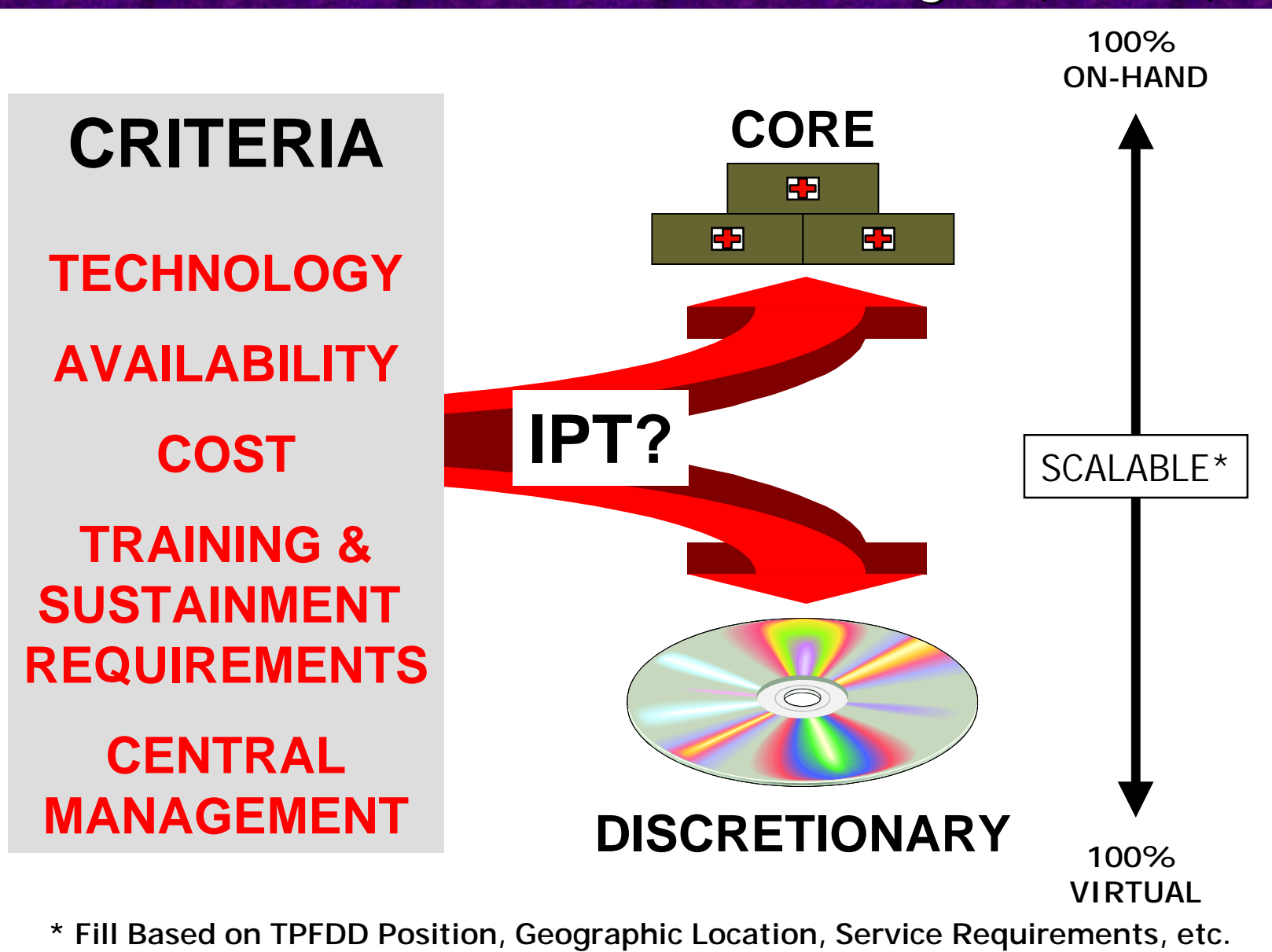
TO SUCCEED WE MUST:

- Optimize Acquisition Dollars
- Minimize Sustainment Costs
- Shorten the Lead Times
- Embrace Modern Business Practices
- Provide Local Commanders Flexibility
- Be Able to Measure Readiness at Unit Level
- Interface with Appropriate Decision Support Systems
- Support JV2010 and JHSS 2010

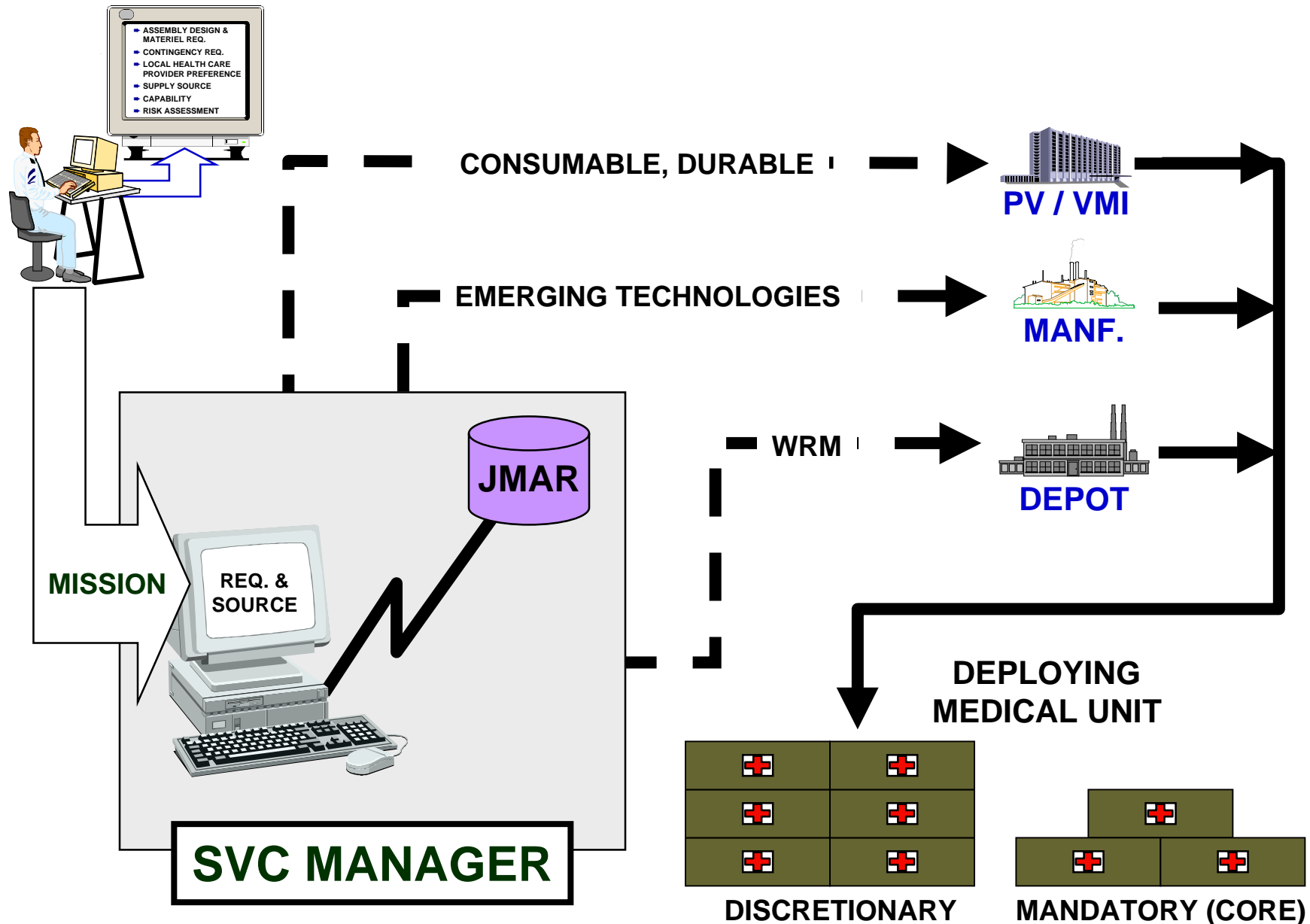
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Emerging Assemblage Management Concept

Emerging Concept: Mission Defined Medical Assemblages (MDUA)



MISSION DEFINED UNIT ASSEMBLAGES: EXECUTION



AUTOMATION REQUIREMENT: "JOINT MEDICAL ASSEMBLAGE PLANNER" (JMAP)

- Automated Decision Support System
- Includes Simulation & Modeling Tool
- System Development / Systems Integration Effort

POSSIBLE SYSTEM LINKAGES

JMAR (GTN, CAV, RMA, DMLSS, etc.)
Armed Forces Intelligence Center
GCSS
GCCS
MAT
Casualty Models
Customer User Database
.....Other Systems?



REQUIRED INFORMATION

Unit Personnel
Unit On-Hand Equipment
Mission Profile
Clinical Rqmts for Specific Mission
Anticipated Patient Streams
Expected patient Conditions
Deploying Healthcare Provider
Specialties
Materiel & Equipment Preferences
Local Infrastructure
Local Political Climate
Environmental Conditions
Expected Evacuation Times
Local Epidemiology
Military Asset Visibility
Commercial Asset Visibility...

Limiting Factors

- Lack of Required Information Systems & Systems Integration.
- Resourcing.
- Culture.
- Acceptable Risk to Readiness.

JML 2010 Vision for Assembly Management Re-engineering

"To Provide Technologically and Clinically Relevant Medical Assemblages, Usable Across the Full Spectrum of Military Healthcare Needs"